

IN THE CLAIMS

1. (Previously Amended) A method for embedding a digital signature in an MPEG stream, said method comprising modifying the program clock reference (PCR) field of a transport stream packet, by logically anding off a portion of the lower bits of said PCR field, said PCR field including time stamp information, and replacing said portion with all or a part of said digital signature.
2. (Original) The method of claim 1 wherein said digital signature may span a plurality of PCR fields in a plurality of packets.
3. (Original) The method of claim 1 wherein said digital signature is encrypted to produce an encrypted signature.
4. (Original) The method of claim 3 wherein said encrypted signature is scrambled to provide for error correction.
5. (Previously Amended) A system for embedding a digital signature in an MPEG stream, said system comprising logical means for modifying the PCR field of a transport stream packet, by logically anding off a portion of the lower bits of said PCR field, said PCR field including time stamp information and replacing said portion with all or a portion of said digital signature.
6. (Original) The system of claim 5 wherein said digital signature may span a plurality of PCR fields in a plurality of packets.
7. (Original) The system of claim 5 wherein said digital signature is encrypted to produce an encrypted signature.
8. (Original) The system of claim 7 wherein said encrypted signature is scrambled to provide for error correction.
9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Previously Amended) A system for embedding a digital signature in an MPEG stream, the system comprising:

means for identifying a program clock reference (PCR) field-of a transport stream packet;
means for modifying a portion of the lower bits of the PCR field;
means for replacing the portion of the lower bits of the PCR field with all or a part of the digital signature.